JSC employee earns council's Technical Person of Year award

A JSC employee was the recipient of the Clear Lake Council's Technical Person of the Year award, presented at its 13th annual Awards Banquet on June 14 at the JSC Gilruth Recreational Center.

JSC's Eric Christiansen, manager of the Hypervelocity Impact Analysis Facility in the Earth Science and Solar System Exploration Division, earned Technical Person of the Year honors. The other nominee was R. Peter Bonasso of Metrica Inc.

The Educator of the Year award was presented to Robert Nevels of Texas A&M University. Nominees included Dave Criswell of the University of Houston and A. Glenn Houston of the University of Houston.

The Technical Administrator of the Year recipient was Frank Musil of Boeing Defense and Space Group. Also nominated were Nancy Robertson, chief of JSC's Public Affairs Education and Information Services Branch and Kenneth Reightier of Lockheed Martin.

Astronaut Franklin Chang-Diaz discussed his work on an advanced propulsion system and related how his interest in NASA space activities as a youth led him to his present status as an astronaut.

The American Institute of Aeronautics and Astronautics and the Institute of Electrical Electronic Engineering, two of the member societies, also made presentations to Pasadena ISD Science Fair students and teachers that supported them in recognition

of their achievements throughout the school year. The local AIAA and IEEE supported their activities during the school year and presented the awards to the students.

The council, which was formed in 1980 and has a membership of 14 local technical societies, provides a monthly calendar of member society meetings and supports Spaceweek activities, video conferences and other societies activities. The council also is planning to build an engineering facility.

Life sciences database gets new upgrade

Internet users can now access the Master Catalog of the NASA Life Sciences Data Archive on the World Wide Web segment of the Internet.

The archive, which represents the first detailed and easily accessible database of research results of the NASA Life Sciences Division, provides a wealth of scientific knowledge developed from 30 years of space-based research into the effects of microgravity on living systems, including the human body.

NASA developed the LSDA, following a detailed evaluation process, to provide better access to data, general information and results of NASA-sponsored life sciences investigations. The archive was first introduced in June 1995 and initially contained overview information on recent life sciences shuttle missions. With today's move, the archive has now been upgraded to include the Master Catalog, containing detailed descriptions of experiments, missions, hardware, and personnel.

information will allow This researchers to plan future experiments and conduct retrospective data analysis. It will be equally valuable to students and educators in preparing research papers or class lessons and in proposing student experiments to NASA.

The LSDA is located on the World Wide Web at the National Space Science Data Center and includes links to a number of other related Life Sciences Web sites. Internet users can access the LSDA at: http://nssdc.gsfc.nasa.gov/life

MCC extends STS-78 viewing

The Mission Control Center has extended viewing room hours for and contractor badged employees and their families during the STS-78 mission.

Employees will now be allowed to visit the MCC from 1-5 p.m. Saturday, 5-7 p.m. Monday, 11:30 a.m. - 2:30 p.m. Wednesday and 5-7 p.m. Friday. Employees must wear their badges and escort family members through the lobby of Bldg. 30 South. Because of the dynamic nature of shuttle missions. viewing hours may be changed.

For the latest information, call the Employee Information Service



The Mir 22 crew check out food that will be available during their stay on the Russian outpost. From left are Flight Engineer Pavel Vinogradov, Commander Gennady Manakov, American Cosmonaut Researcher John Blaha and French Cosmonaut Researcher Claudie Andre-Deschays.

Lucid focuses on Earth observations

(Continued from Page 1)

along with Earth observations.

The crew's work this week involved operation of the Queen's University Experiment in Liquid Diffusion payload. QUELD is a fixed furnace facility which provides scientists with a way of measuring the diffusion coefficients in some metallic binary systems as well as glasses and semiconductor materials. Sample processing began Tuesday with work going faster than scientists predicted.

Earth observations include regions in Russia, western Siberia, the southern Amazon Basin and the central Andes mountains.

Last week, air sampling activities were done in the Specter and Core modules with the Solid Sorbent Air Sampler and the Grab Sample Container devices. SSAS is designed to sample air quality over a long period-24 hoursas it looks for particular components in the air. The GSC is used to get a quick "snap shot" type reading of air quality.

The crew also successfully transferred data from the Tissue Equivalent Proportional Counter, a radiation monitoring experiment. Periodically, data from TEPC has to be transferred to an archival system. In this case the archival system is a laptop computer. TEPC data will be returned to Earth later this year.

In Star City, Linenger and fellow astronaut Mike Foale completed a four hour EVA training session in the hydrolab. Some of Foale's other activities this week included lectures on the construction and components of the Kristall module, the control panels of the Kvant-2 module and the Kvant's life support system. Astronaut Jim Voss continued his study of the Russian language and received lectures on the emergency provisions onboard the Soyuz transport vehicle.

Material science going well on STS-78

(Continued from Page 1)

are being tested in the Advanced Gradient Heating Facility to better understand the solidification process that may lead to improvements of materials processing on Earth. Fluid experiments are being conducted in the Bubble Drop and Particle Unit. While the unit experienced problems early in the week, limited operations are continuing with troubleshooting planned for later in the mission.

Henricks and Kregel tested the Voice Command System that will allow space travelers to command the onboard television system while performing other tasks. Henricks also

participated in a video conference with Mission Control. This system could ultimately provide two-way communication for the International Space Station.

For the first time, scientists all over the world are monitoring their experiments from their own laboratories with links to Spacelab Mission Operations Control Center at NASA's Marshall Space Flight Center.

Life and Microgravity Mission Manager Mark Boudreaux said the international mission is, "the key ingredient to take us into the next era of space exploration—the International Space

NASA plans third procurement forum

NASA will conduct its third annual open forum meeting from 2-4 p.m. Aug. 22 at Teague Auditorium to solicit questions, views and opinions of interested persons or firms concerning NASA's procurement policies and practices.

The purpose of the meeting is to have an open discussion between NASA Associate Administrator for Procurement Deidre Lee and representatives from industry and the public.

The briefing will primarily target private industry, but will be open to any who would like to attend. Doors will open at 1:30 p.m. and reservations are not required. The two-hour briefing will be followed by a question and answer session. In addition to the general discussion, NASA will invite comments or questions relative to its ongoing procurement initiatives, some of which include cost control, performance-based contracting, source selection, change order reduction and process change.

Questions for the associate administrator will be accepted at the meeting and should not be submitted in advance. Position papers are not being solicited.

For further information you may contact the JSC Industry Assistance Office at x34511.

Hubble scientist Weiler at Houston Forum luncheon

One of NASA's top astrophysicists will present a tour of the universe as seen through the Hubble Space Telescope next month in downtown Houston.

The Houston Forum presentation featuring Ed Weiler, chief of ultraviolet/visible and gravitational astrophysics at NASA Headquarters, will be from noon-1:30 p.m. July 10 at the J. W. Marriott Hotel.

As project scientist for the Hubble, Weiler is the chief scientific spokesman for the program and will shed light on great questions of the universe and discuss new findings unveiled by the Hubble telescope. Weiler has worked on the Hubble project since its inception 18 years ago.

Tickets for this luncheon are \$25 for members, \$30 for guests and \$275 for a table of 10. Reservations are due by July 5. For more information regarding this event, call Christopher Ligi at 439-0466.

JSC shares safety course with contractor supervisors

For the first time, JSC is offering its Senior Manager's Safety Course to all first line contractor supervisors and managers.

The course brings mishap prevention and the critical role of line management in safety programs into focus. Incidents unique to NASA, as well as examples from the private sector. are included in the

Two sessions are being offered; one on July 16-17 and the other on July 17-18. Both sessions will be held at the University of Houston Clear Lake.

Please contact Margie Williams of the JSC Safety Learning Center at x36369 to register for one of the sessions. Any questions about the course may be directed to Tracy Fergurson at x33548.

JSC employees to be honored next month in Teague

(Continued from Page 1)

Thornton, David Walker and James Wetherbee.

The NASA Outstanding Leadership Medal will go to Kenneth Bowersox, Gary Coultas, Wilbert Ellis, Bernard Harris, Terence Henricks, Tamara Jernigan, Stephen Oswald, John Rummel and James Voss.

The NASA Exceptional Service Medal will be given to Gloria Araiza Young, Ellen Baker, Albert Behrend, David Birmingham, Kenneth Cockrell, Jesse Contreras, Nancy Currie, Izella Dornell, Marilyn Dotson, Michael Foale, James Gauthier, Margaret Guerra, James Halsell, David Hamilton, Gregory Harbaugh, William Harris, Gail Horiuchi, Bobbie Jenkins, Robert Kelso, Kathleen Leary, Thomas Logan, Linda Massey, William McArthur, James Newman, Graydon Owens, James

Powell, Charles Precourt, Donald Ronald Howard and Bernard Mun-Prevett, William Pruett, William Readdy, Michael Richardson, Gene Ricks, George Sandars, Charles Stegemoeller, Donald Thomas, David Thompson, Donald Tillian, Janice Voss, Vincent Watkins and Leesa Wolf.

The NASA Exceptional Achievement Medal will be presented to Pamela Adams, Joseph Boze, Jill Brigham, Lewis Casey, John Curry, Richard Dinkel, Glenn Ecord, Carol Evans, Tommy Holloway, Gregory Lange, Larry Li, John Muratore, Steven Nagel, Brett Parrish, Karl Pohl, Nancy Smith, John Starnes and Jack Woods.

The NASA Equal Employment Opportunity Medal will go to Bernard Harris.

The NASA Exceptional Bravery Medal will go to Sharon Daley dine of Johnson Engineering Corp.

The NASA Public Service Medal will go to James Heldt, Robert Mahoney, Joseph Williams and Jon Olansen of Rockwell Space Operations Co., Gerald Lefebvre of Lockheed Martin Space Information Systems and Hiroshi Takeda of the Mineralogical Institute, University of Tokyo, Japan.

The NASA Group Achievement Award will be awarded to Day-of-Launch I-Load Update, Version Two Certification Team, Flight Software Reconfiguration Transition Team, Global Positioning System Receiver Solid-State Data Recorder Team, Hypergolic, Cryogenic, and Solid Propellant Test Team, Joint Safety Assurance Working Group, Lighting, Camera, and Target Test Team, MIR-3 Simplified Aid for Extravehic-

ular Activity Rescue Development Team, Phase 1A Shuttle/Mir Science Program, Space Shuttle Primary Flight Software Process Team, Space Shuttle Program Payload Integration Team, Space Shuttle Program Requirements Review Team, Spacelab-Mir Mission Management Team, STS-34 Training Team, Trajectory Control Sensor Development Team, White Sands Test Facility ISO 9001 Implementation Leadership Team, Zero Base Review Team and Zero-Gravity Aircraft Modification Team.

Following the ceremony, a reception will be held in the lobby of the auditorium for award recipients and their guests. Employees are encouraged to attend as workloads permit. For more information about the ceremony, contact Helen Harris at extension x38413.

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The Roundup office is located in Bldg. 2, Rm. 181. The mail code is AP2. The main Roundup telephone number is x38648 and the fax number is x45165. Electronic mail messages should be sent to the editor,

khumphri@gp301.jsc.nasa.gov

or the managing editor, kschmidt@gp301.jsc .nasa.gov

EditorKelly Humphries Managing EditorKaren Schmidt Associate EditorNatasha Calder